

OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

OCTOBER 21, 1991
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NASA Awards Grant to Establish New Center for Commercial Development of Space

The University of Maryland at College Park has won a \$5 million, five-year grant from the National Aeronautics and Space Administration to establish a NASA Center for the Commercial Development of Space in Satellite and Hybrid Communication Networks (CCDS).

The university's proposal was submitted to NASA on behalf of a multi-university team that includes Johns Hopkins University, as well as several Maryland-based high tech companies.

The new center will be a national focal point in efforts to commercialize space-based communication technologies. Research will focus on developing hybrid satellite/earth communication networks and technologies.

Applications could include improved teleconferencing, access to computer databases, the linking of supercomputers, satellite cellular telephone networks, personal communications and other new services.

The Systems Research Center (SRC) will administer the grant and partially staff the new center.

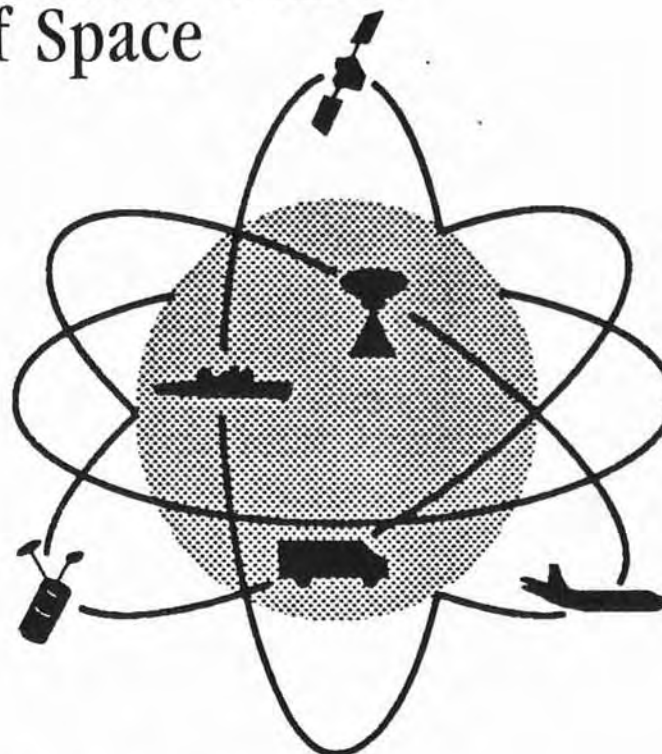
John Baras, professor of electrical engineering and Martin Marietta

Chair in Systems Engineering, and Anthony Ephremides, professor of electrical engineering, are co-directors of the CCDS. Theodore Poehler, associate dean of engineering and professor of electrical engineering at Johns Hopkins, is the initial associate director.

In addition to Johns Hopkins and Maryland, the University of Colorado at Boulder and West Virginia University will be principal participating academic institutions.

A key partner in the consortium is the new Maryland Information Technologies Center, a coalition of Maryland-based universities, federal research laboratories and communication industries dedicated to technology transfer and commercialization of information technologies. The center is supported by the State of Maryland.

Industrial participants include COMSAT Laboratories, Westinghouse Electric Corp., Lockheed Missiles and Space Co., Bell Atlantic Mobile Systems, Martin Marietta Corp., TRW Inc., Qualcomm Inc. and the National Rural Telecommunications Cooperative. Several leading federal research laboratories also will participate, among



them the National Institute of Standards and Technology and the Naval Research Laboratory. In addition, Auburn University, Morgan State University and the University of Texas at Austin will collaborate with the center.

Tom Otwell

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Budget Cuts Lead to Layoffs for Employees

This will be a very difficult week for the College Park community as it adjusts to the layoff notices issued last Tuesday.

On October 15 about 67 university employees received letters from their supervisors informing them that, due to a lack of supporting state funds, they will be laid off. The 67 people represent two percent of the possible College Park work force affected by the layoff order.

For the 56 classified employees receiving letters, their last day of employment will be January 13, 1992, a 90-day termination notice. The 11 associate staff laid off will work until November 29, a 45-day termination notice that is more than the 30 days required by the Board of Regents policy on layoff for unclassified and classified personnel approved on April 25, 1991.

Those who lost their jobs were told that the decision was based solely on the university's need to react to the state's critical budget situation and in no way reflects on their abilities or diminishes their contributions to their department or the campus.

The university layoff action, unprecedented in its history, resulted from the current \$450 million state revenue shortfall that has forced another round of funding cuts in

the current university state-supported operating budget. The latest \$4.5 million cut was the fifth round of state budget cuts in just 13 months.

To help employees through the layoff process, the campus has set up a number of special programs. Each employee losing a job has been assigned an individual contact person from the Personnel Services Department; group and individual sessions and workshops are scheduled to explain all procedures, rights and responsibilities; and representatives from the Faculty/-Staff Assistance Program, Counseling Center, and Career Development Center have been delegated to provide specific information, support and assistance with formal procedures.

At the time of this writing, the total of 67 who have lost their jobs is divided nearly evenly between men and women—the 50 percent figure reflecting the current composition of the campus work force. Of those laid off, 22 percent are black, a number that conforms closely to the total non-instructional work force of 24 percent black employees. In terms of salary, the average associate staff salary is \$40,000 and classified salary,

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Restructuring Urban Education

The university's Center for Policy Options in Special Education is hosting an invitational meeting on "Restructuring Urban Education: What Does It Mean for Students With Disabilities?" on Oct. 25-26. The meeting will bring together directors of special education from urban settings, including Boston, Chicago, Detroit, Miami, New York City, Pittsburgh and San Diego. For more information, call 405-6495.

Budget Forces University to Make Layoffs

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THE SUN

Another View

"The University of Maryland System has 130,000 students, 9,100 faculty members, 16,000 administrators and other employees, thousands of alumni and parents and a prominent Board of Regents....

"Why haven't these groups arrayed them selves into a powerful statewide alliance to protect the interests of higher education in Maryland? Why have we hardly heard a peep from them while our public colleges and universities have taken a budgetary clubbing in the last 12 months?....

"Students haven't marched on Annapolis. Professors, administrators and employees haven't jammed galleries and hearing rooms. Businessmen from Maryland's knowledge-based industries haven't complained. Alumni haven't objected. The regents haven't said a word.

"Why not? Where are you? Wake up."

From an opinion piece by Columnist Tim Baker in *The Sun*, Oct. 14, 1991

\$22,375, with an overall average of \$25,231. Men had much higher salaries than women.

The overall age for those losing their jobs is 41.8 years, with less than six month's difference in age between men and women.

In years of service, no overall statistics are available, but a classified person with 20 years of service was laid off, while an associate staff employee with more than 7 years of service was also on the list, according to personnel services director Dale Anderson.

The president made all layoff policy decisions, allocating to each vice president a specific number of positions to be eliminated. Each vice president passed this information on to unit heads. Unit heads were delegated the difficult task of determining exactly what positions to terminate, based on the fact that they were allocated the number of lines to be cut with a dollar value associated with those lines. Criteria were programmatic—for example, unit heads looked at the functions of positions to try to determine which functions were considered to be least essential to their operation, given the current budget exigencies.

Classified staff have reinstatement rights to other jobs that might open up in the future, but, according to the Board of Regents policy, associate staff are not automatically entitled to similar job rights. However, Anderson is encouraging departments to give job consideration to associate staff laid off, even though their right to step into a vacant job automatically is not guaranteed.

Since this is clearly one of the most stressful situations possible for all those involved, every attempt has been made to assist both employees and administrators to cope as well as possible with the process, says Sylvia Stewart, who heads the working group monitoring the process.

To help accomplish this, a number of individual and group sessions have been scheduled to start immediately. In addition, two handbooks—"A Classified Employee Guide to Layoffs" and "An Associate Staff Guide to Layoffs"—were distributed with individual layoff letters. Another handbook, the "Administrator's Guide for Implementing Layoffs," was also produced to guide department heads through situations they might encounter and familiarize them with rules and policies that will apply.

The guides contain information on:

- Bumping and reinstatement rights (for classified) and restoration rights (for associate staff);
- Terminal leave payments for annual, sick, and personal leave, holidays and compensatory leave;
- Release time and parking fee reimbursement;
- Outplacement and counseling services;
- Continuation of specific benefits;
- Filing for unemployment insurance benefits and using the Maryland Job Service; and
- Helpful campus and Dept. of Economic Development (Maryland Job Service) telephone numbers.

A number of campus units are setting aside special time to help. Counseling Center psychologists will provide free career and personal individual counseling sessions, as well as free diagnostic assessments and career interest testing.

The Career Development Center will hold free day-long workshops covering such topics as dealing with the emotional aspects of a layoff, assessing career interests, job skills and resources, job goal-setting strategies, networking and other job search strategies, resume writing and interviewing techniques, as well as job vacancy listings, databanks, career and occupational information, and employer information.

The Health Center's Faculty/Staff Assistance Program will provide personal, individual counseling up to 10 free sessions to address personal and other problems developing as a result of layoff. Three group layoff orientation sessions have been scheduled to review information and services provided, and several outplacement workshops are set, including sessions with people from the Maryland Dept. of Economic and Employment Development (DEED) who will provide on-site information on unemployment insurance and Maryland Job Service Office services.

Administrators, too, are expected to feel stress as the layoff process gets underway. In anticipation, the Personnel Services Department has prepared guidelines to help

each department head go through the process of notifying employees personally, explaining outplacement activities and counseling services, and following up procedures to ensure that each person laid off is getting all available help.

Looking ahead, the current layoff action is part of a painful university budget-cutting process that has not ended. By fiscal '93 the university will be required by the state to cut a total of 278 positions. This initial layoff action was scheduled as part of next year's budget reduction process but was accelerated because of the current state fiscal crisis. When another cut might occur and precisely what additional categories of university personnel might be affected is still undetermined.

Meanwhile, President William E. Kirwan has expressed continuing concern that further cuts may be imposed. "The state's budget crisis continues to have a devastating impact the university, and now we have been forced to lay off people," he says.

"This is a very sad day for the university. I have asked every appropriate office to provide support services to lessen the impact on staff members who have lost their jobs. We all feel great compassion for those who need our support now, and I know that everyone will show sensitivity, tact and concern for them."

Roz Hiebert

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is outlook@pres.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Distinguished professor and scholar Jerome Bruner will deliver the keynote address at the 16th annual meeting of the Semiotic Society of America. Bruner has held professorships in psychology at several major universities and is widely known for his work on perception and learning. His lecture, "Narrative as a Mode of Discourse and a Mode of Thought," will be presented Friday, Oct. 25 at 8 p.m., in the auditorium of the Center for Adult Education. The lecture is free and open to the public. For information, call Jackson Barry, co-chair of the conference, at 405-3747.

College Park to Host Annual Semiotic Society Conference

Over 200 participants from diverse academic fields and geographic locations will gather in College Park October 25-27 for the sixteenth annual conference of the Semiotic Society of America.

"From Paris to Japan to Brazil, and from Berkeley to Brown, these participants make up a program strong in literature, culture studies, cinema, linguistics, art, feminism, cognitive studies, drama, pedagogy and mathematics," says Jackson Barry, associate professor of English and co-chair of the conference.

Barry emphasizes the interdisciplinary nature of the conference, in which topics range from the very practical concerns of the medical clinic, to modern film and television, to geometry and logic.

To say that semiotics is the study of meaning is too broad, says Barry. "Everything *means*. The question is *how* do we mean? How do we understand and communicate meaning?"

The study of meaning is not a new science, according to Barry. The word "semiotics" derives from ancient Greek and was used by pre-Socratic philosophers on problems of evidence, especially as these involved medical symptoms.

Semiotics entered English thought through John Locke in the seventeenth century. More recently, mathematician and logician Charles

Sanders Peirce (1839-1914), who is the subject of six presentations at the conference, systematized much thinking about the "meaning of meaning" in his "pragmatic" philosophy.

The university played host to one of the most famous of contemporary semioticians last April when Umberto Eco packed the auditorium of the physics building with his lecture, "The Quest for the Perfect Language in Western Culture."

"It's exciting to have the conference here in College Park," notes Barry, "because most of the major centers for the study of semiotics are in the mid-west or California."

The three-day conference will include presentations from several College Park faculty members and graduate students. From the English department, Mark Turner has organized a major panel on Cognitive Science and Semiotics, and Martha Smith will analyze some of the stylistic traits of singer Bruce Springsteen. Elizabeth Dale Johnson, John Schilb and Shelley Jackson will form a panel on "Semiotics and Rhetoric in the English Curriculum." Dali Tan (Comparative Literature) and Stanley Dambrowski (English) will speak in a session on the novel as a field for semiotic study. Mary Jane Barnett (English) and Jianming

Gong (Philosophy) will address themes in language and philosophy. Norma Procopiow (English), also co-chair for the conference, will give a semiotic analysis of a review of the 1991 film *Thelma and Louise*.

The Department of Radio-Television-Film will deliver a panel on postmodernism—the "Crisis of Meaning"—in film and television, chaired by associate professor Gina Marchetti and featuring papers by department members Robert Kolker, Mike Mashon and Theirry Jutel.

Jerome Bruner, distinguished professor and scholar of psychology, will deliver the keynote address, "Narrative as a Mode of Thought and a Mode of Discourse." Bruner has held professorships at Harvard, Oxford, the New School for Research and New York University. Widely known for his work on perception and learning, Bruner has recently explored the nature of narrative as shaped by cultural, personal and cognitive factors.

Those interested may be register at the conference itself and attendance is free for all university faculty, staff and students. Local arrangements for the convention have been made by Procopiow and Barry of the English department.

Jennifer Bacon

Three Distinguished International Executives Join Campus Community

The first three Senior Research Scholars in UMCP's Distinguished International Executive Program are on campus. All three will be available to the entire campus community as resource persons. Each also will have specific affiliations and projects they plan to pursue during the 1991-92 academic year.

The three are:

Townsend Hoopes, former Assistant to the Secretary of Defense and to the Chairman of the House Armed Services Committee, former Undersecretary of the Air Force, and author of two prize-winning books. Hoopes has an office in the Center for International Secur-

ity Studies at Maryland (CISSM). He expects to study, write and lecture about the United Nations, political and economic prospects for the USSR, and Middle East arms control.

Charles Henry Miller, retired former Government Affairs Vice-President of AT&T who earned a bachelor of science degree from College Park in 1953. Miller has an office in the Center for International Business Education and Research (CIBER) where he will be working on a number of new programs in telecommunications and international business.

Ben Kremenak, an executive of

The Asia Foundation on sabbatical leave for the year. He served as the Foundation's representative in Korea from 1977-1981 and again from 1985-1991. He also headed the Foundation office in Bangladesh from 1972-1977. His office is located in the complex shared by CISSM and the Institutional Reform and the Informal Sector project (IRIS). He will be researching and writing on developmental issues in Asia.

The Senior Research Scholars are formally affiliated with the Office of International Affairs, which helped arrange university affiliations and facilities for them.

Women's Forum to Meet Nov. 14

The College Park branch of the Women's Forum will hold its next brown bag lunch meeting on Thursday, Nov. 14 in the Maryland Room of Marie Mount Hall. The purpose of the meeting is to share information from the recent day of workshops sponsored by the systemwide forum.

The forum will meet in two 45-minute back-to-back sessions running from 12 noon to 1:30 p.m. in order to accommodate different

lunch schedules around the university. Anyone on the College Park campus interested in women's issues is welcome to attend one or the other of the two sessions. Call Women's Forum President Carla Gary at 405-4182 for further information.

In addition to sponsoring regular meetings on campus, the Women's Forum also provides opportunities for those who use email to discuss relevant issues through a

newly set up listserv program that distributes electronic messages to all who subscribe.

To receive information about the listserv program or to join the um-women listserv group, get in touch with the Computer Science Center Consulting Services by phone (405-1500) or by email (consult@umail.umd.edu).

CIBER Seminar on USSR and Business Education Set

The Center for International Business Education and Research (CIBER) will present a seminar on "The Current Situation in the USSR: Implications for U.S. Business and Management Education" Wednesday, Oct. 23. The seminar will be lead by Leonid A. Bazilevich, president of the Board of Directors of the Leningrad Business Schools and professor at the Leningrad Institute of Finance and Economics. He is currently a CIBER visiting scholar. The seminar begins at 3 p.m. in Room 0109 of the Center of Adult Education. It is free and open to the public. For details, call 405-2136.

Scholar Looks at Global Ethnic Warfare and Consequences for International Security

For nearly three decades Ted Robert Gurr has been studying the origins of civil violence and revolution around the world. Since the mid-1980s he has focused on the rise of minority conflicts and the threats that ethnic warfare poses to global security.

A professor of government and politics, Gurr also is a distinguished scholar at the university's Center for International Development and Conflict Management.

Most of the world's 170 independent states have significant ethnic, religious and regional cleavages, he notes. In some countries hostilities across these lines of cleavage have led to protracted civil wars. In others they have generated national movements for independence. In democracies, they have fueled autonomy movements and civil rights campaigns among ethnic classes and immigrants.

If not resolved by reforms and accommodation, he says, the human and political costs of these kinds of conflicts are enormous—rights denied, impoverishment, exodus of refugees, mass murder, democracy subverted, development deferred, escalation into regional wars.

"Political conflicts among warring groups also have wide-ranging consequences outside the countries in which they occur, especially when they escalate into devastating civil wars and mass reprisals, as they have throughout the Third World," Gurr says. "They disrupt production and international trade, generate most of the world's refugee movements, provide arenas for armed competition among outside powers, and stimulate East-West rivalries, even in an era of eased superpower tensions."

Central to Gurr's research activities are the data contained in the Minorities at Risk Project that he initiated in 1986. The project has identified some 230 minority groups worldwide whose relationship with the dominant society or government in power is or potentially will be the focus of conflict and repression.

The project has profiled the ethnic and religious traits of these minorities, their political and economic status, the differences between them and their dominant groups, their grievances in the 1980s, and their involvement in communal conflict, protest and rebellion since 1945.

The project has been supported by the U.S. Institute of Peace, the Academic Research Support Program of the U.S. Department of Defense, and the universities of Colorado and Maryland.

One of the world's most widely-cited authorities on political conflict, Gurr joined the College Park faculty in 1989 after a long career at Princeton and Northwestern universities and the University of Colorado. Among his 15 books and monographs are *Why Men Rebel*, which won the Woodrow Wilson Prize as the best book of 1970 in



Ted Robert Gurr

political science, and three editions of *Violence in America*. In August, he was given a Lifetime Achievement Award by the Conflict Processes Section of the American Political Science Association.

Gurr began his research on the origins of civil violence in the mid-1960s when American policymakers turned to academics for advice about how to anticipate and respond to Communist-inspired insurgencies.

Since then, he says, the key issues and dynamics of civil conflict have changed.

"Revolutionary wars are now more often waged by urban demonstrators than by rural rebels. The rhetoric of contemporary guerrilla fighters is more likely to emphasize the just rights of their people than Marxist-Leninist principles. Even the policymakers' phrase 'low-intensity conflict' is outdated, since more people die now in ethnic conflicts than in conventional warfare."

Gurr believes old categories and assumptions should be abandoned and that analyses and policies on conflict management be based on a recognition of new realities, particularly in the global upsurge in ethnic warfare.

"If scholars, activists, and policymakers understood better its common origins and dynamics, they would be better able to anticipate new episodes and to devise strategies that have some chance of resolving the underlying issues," he says.

The fundamental lesson of democratic responses to minority movements, Gurr says, is that reform and accommodation usually work. Democratic governments that recognize the legitimate desire of minorities to define their own interests and pursue their own affairs, and give them some economic and political resources to do so, will ordinarily transform conflict from hostile and violent forms toward nonviolent protest and political action.

"No one should expect such conflicts to be entirely 'resolved,' nor to think that all members of a minority will accept reformist moves," he cautions. "There always will be divisive conflicts of interest and style across lines of ethnic cleavage. The task for reformers is to transform such conflicts from violent and unregulated forms into conventional politics."

Tom Otwell

CISSM Hosts Visiting Scholars

Each year the Center for International Security Studies at Maryland (CISSM), hosts CISSM Fellows who pursue scholarship in a wide range of international security issues. This year's fellows include:

Ruth Adams, director of the Program on Peace and International Cooperation, the John D. and Catherine T. MacArthur Foundation.

Anne Hessing Cahn, former executive director and president, the Committee for the National Security.

Lisbeth Gronlund, Social Science Research Council MacArthur Fellow.

Townsend Hoopes, former Under Secretary of the Air Force.

Lawrence Kaplan, director of the Lyman L. Lemnitzer Center for NATO Studies at Kent State University.

Drora Kass, director of the International Center for Peace in the

Middle East.

Ben Kremenak, executive with The Asia Foundation.

Steven Kull, senior research fellow, Global Outlook.

Alfonso Lara, Social Science Research Council MacArthur Fellow.

Milton Leitenberg, author who has written extensively on arms control and strategic studies.

Gale Mattox, associate professor of political science, U.S. Naval Academy.

Svein Melby, research fellow at the Norwegian Institute of International Affairs.

Henry Trofimenko, authority on Soviet-American relations and military doctrines.

Christian Tuschhoff, senior research fellow, the Free University, Berlin.

David Wright, physicist with the Federation of American Scientists.

AIDS Memorial Quilt

The NAMES Project Chapter of the National Capital Area and the university's AIDS Awareness Week Steering Committee will be presenting the NAMES Project AIDS Memorial Quilt on Oct. 23 in the Prince George's Room of the Stamp Student Union from 11:30 a.m. to 4 p.m. with a special unfolding ceremony at 11:30 a.m. For more information, call 314-8495.

ARTS

'Dreams, Lies, and Exaggerations: Photomontage in America' Opens at the Art Gallery

Viewers' first instinct may be to schedule an appointment with their eye doctors when "Dreams, Lies, and Exaggerations: Photomontage in America" opens October 21 at the Art Gallery.

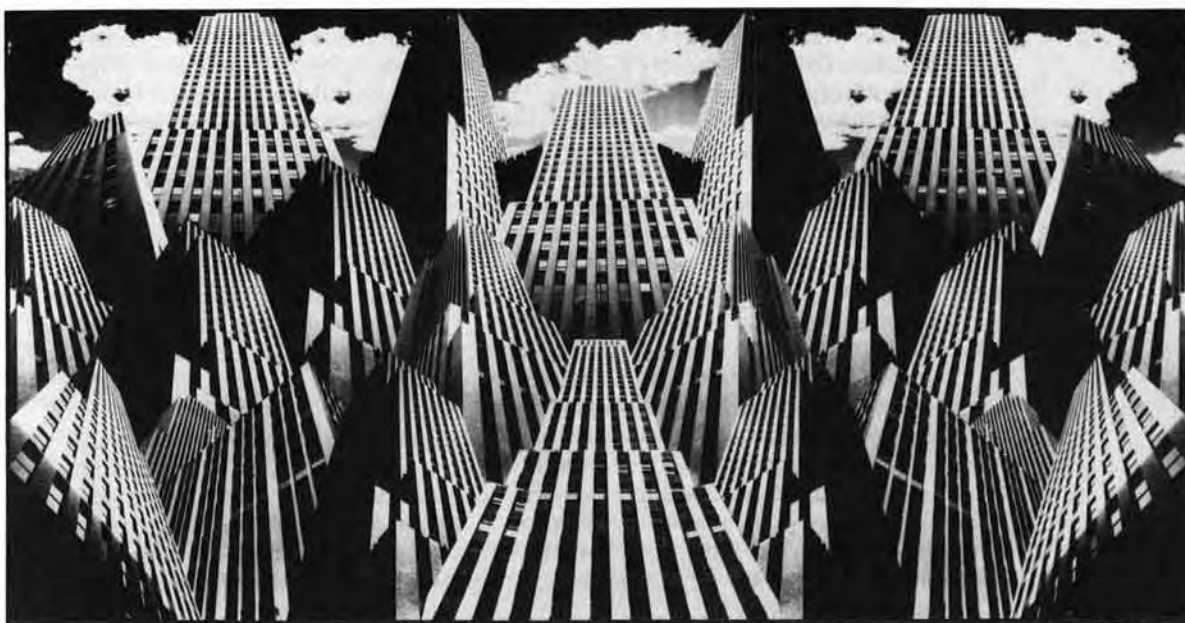
"It's a complicated show to see because images are not portrayed in their true state," says Cynthia Wayne, Art Gallery acting director and curator and coordinator of the exhibition.

A definition of photomontage provides an explanation. According to Wayne, photomontage is the composite or joining of photographs from disparate sources, brought together to create a single image. It is this manipulated image that causes photomontage's strong impact.

Running October 21 through December 20, the exhibit will include 122 works in six major categories in which photomontage was explored: the New Vision of Moholy-Nagy at the New Bauhaus as applied to advertising and fine art photography, graphic design, Hollywood photography, public art, surrealism, and outsider photography. Works not usually considered in the context of fine art, such as record album covers, book jackets and magazine advertisements, will be included in the show.

"By including the full range of material in which photomontage was most extensively employed, we arrive at a more complete understanding of the medium, as well as its profound influence on the American visual vocabulary," says Wayne.

According to Wayne, photomontage



One of 122 works on display at the Art Gallery's "Dreams, Lies, and Exaggerations: Photomontage in America" exhibition

was first used as a modern art form by European and Russian avant-garde artists between 1918 and the 1930s. A critical factor in the introduction of this medium to America was the large number of European artists who emigrated to America in the 1930s, she explains.

"Dreams, Lies, and Exaggerations: Photomontage in America" is the first concentrated study of photomontage as it developed in America," says Wayne. "Our intention is to closely examine the photomontage medium within an American art context," she says.

Artists whose work will be highlighted include Herbert Bayer, Harry Callahan, Will Connell, Gyorgy Kepes, Herbert Matter, Frederick Sommer, Val Telberg, James Van Der Zee and Eugene von Bruenchenhein.

This is the first scholarly exhibition organized by the Art Gallery since 1989. The exhibition will travel to the John Michael Kohler Arts Center in Sheboygan, Wisconsin, where it will be on view from March 1 through May 10, 1992.

Major funding for the exhibition is the result of a grant from the National Endowment for the Arts and the University's College of Arts and Humanities. Additional support was provided by the Maryland State Arts Council and the Prince George's Arts Council.

An opening reception will be held October 23 from 5:30 to 7:30 p.m. The reception and exhibition are free and open to the public.

Beth Workman

Mostly It's Not *Any* Mozart

In this bicentennial year of Mozart's death, when audiences have been subject to untold concerts involving every form of his work from the sublime to the obscure, the University of Maryland Chorus has come up with a new idea: a performance involving the three great Bs of music. That's Bach, Beethoven and Brahms—remember them?

On Sunday, Nov. 3 at 3 p.m. the University of Maryland Chorus, with orchestra and soloists, will be conducted by founding director Paul Traver in a concert performed in the university's Memorial Chapel.

The big three B program includes J.S. Bach's motet, *Lobet den Herrn*, a motet by Brahms, *Es ist das Heil*, as well as his *Schicksalslied*, and Beethoven's Mass in C.

Traver says he finds it intriguing to perform the two motets on the same program. Brahms carefully studied Bach, and while Bach's compositional technique is baroque and Brahms' is romantic, the musical form in which they are working is the same.

Although the chorus sang the Brahms *Schicksalslied* in London in

1976 and again in 1980 under the late Antal Dorati, it is performed infrequently, and the Nov. 3 concert will be its first performance at College Park. Traver is delighted to share it with the university community. "This is one of the most beautiful pieces of music I've ever been involved with," he says.

Traver also thinks the campus audience will enjoy the Beethoven Mass in C, Op. 86. "It was written after his 'Eroica' Symphony and is typical middle Beethoven in its dramatic treatment of the text," he explains. "The *Kyrie* is very romantic sounding, while the *Dona Nobis Pacem* starts off as a demand and at the end becomes a plea. Wonderful."

Campus audiences should also enjoy a chance to hear some of their own performing as soloists. Soprano Karen Swan, mezzo-soprano Joy Ratliff, tenor Robert Craig and bass Phillip Collister are all graduate vocal majors at the university.

Tickets are \$15, \$13, and \$9. Call 405-5568 for information about the Nov. 3 non-Mozart, three B concert.



Bach



Beethoven



Brahms

Coming up next for the University of Maryland Chorus will be the ever-popular holiday concert performed Dec. 7 at 8 p.m. and Dec. 8 at 4 p.m. in Memorial Chapel. Featuring sixteenth- and seventeenth-century music for chorus and brass as well as traditional favorites and the annual audience sing-along, this concert will continue the respite and has very little Mozart in it (just one brief—but exquisite—selection). "Instead," promises Traver, "there will be lots of absolutely brilliant music for chorus, soloists and brass by Praetorius." Call 405-5571 for information about the December concerts.

Linda Freeman

"Physics is Phun" Opens Tenth Season

"Illusions" is the title of the next "Physics is Phun" lecture-demonstration, set for Thursday, Friday and Saturday, October 24, 25 and 26 in the Physics Building Lecture Halls. Physics professor Dick Berg, host of the series, will present some of his best illusions and tricks from the past nine years. This is the first show of the tenth season for the program. Doors open at 7 p.m. The lecture-demonstration runs from 7:30 p.m. to 8:45 p.m. Call 405-5994.

University Establishes Center for Substance Abuse Research

The university and Governor William Donald Schaefer's Drug and Alcohol Abuse Commission have established the Center for Substance Abuse Research (CESAR).

The center was officially opened with a recent open house.

Mandated by Governor Schaefer's Drug and Alcohol Abuse Commission, the center is designed to collect and disseminate timely information on substance abuse by sponsoring original surveys and research, providing advanced training in substance abuse research methods, and conducting research, evaluation, and technical assistance to aid state and local governments in responding to the problem of substance abuse.

Supported by grants from state

and federal agencies, the center draws upon research and other resources throughout the university and includes participation from such university units as the Afro-American Studies Program, the College of Business and Management, Department of Family and Community Development, Department of Health Education, Department of Psychology, Department of Sociology, Institute of Criminal Justice and Criminology, Interdisciplinary Health Research Center, and the University Honors Program.

"I know of no other state that has made such a strong commitment to establishing a university-based research center to inform public policy in substance abuse," says Eric Wish, acting director. "CESAR will provide policy makers

with the information and expertise needed to ensure that substance abuse policy and programs are timely and effective."

"Drug abuse, including alcohol, is a major health and social problem in the United States today. The abuse of toxic drugs causes enormous physical suffering, millions of days lost each year from work, lower national productivity, and untold social disorder and economic loss," says university president William E. Kirwan. "We at the University of Maryland intend to address this grievous problem by establishing the Center for Abuse Research in cooperation with Governor William Donald Schaefer's Drug and Alcohol Abuse Commission."

Computer Vision, Then and Now



Azriel Rosenfeld and Yiannis Aloimonos

Humans and most animals depend on vision for nearly every action taken. We use sight for navigating around a room or the Beltway, to identify food and danger, friends. But most machines, the tools we use, lack these capabilities. We use people to see the things our machines cannot.

This is changing though, as researchers improve robotics, increase the functions and capabilities of computers, and search for ways to make machines see for themselves.

One such researcher is Azriel Rosenfeld, research professor and director of the College Park Center for Automation Research. Rosenfeld has been a part of computer vision research since the 1950s when this field of technology was in its infancy.

He and his colleague, Yiannis Aloimonos, assistant professor of computer science, recently published an article in the journal *Science*, outlining some of the developments in this field during the past 20 years.

"Computer vision is not yet a mature field of research," Rosenfeld says, "but it no longer is an infant. We've gone from the 1950s when we were developing computers for the analysis of two dimensional static scenes such as aerial maps, to the present day development of computers that are beginning to interpret three dimensional scenes."

Rosenfeld's group, for example, has worked on an autonomously operated vehicle that processed

scenes from a video camera to navigate its way around an obstacle course. The difficulty for the researchers was in making the machine determine differences in terrain such as a shadow on a road from a ditch in the road.

"Computer vision techniques have many practical applications such as document processing, industrial inspection, medical imaging, remote sensing, reconnaissance, and robot guidance," Rosenfeld says.

"As we develop computers that can handle the huge mass of data involved in the interpretation of the visual world, we will develop machines that can 'see' in ways that are similar to human visual capabilities."

This, Rosenfeld says, will help us to send machines to places where humans can't or shouldn't go, such as, for example, into minefields or distant space.

Farriss Samarai

Segal Named to Army Research Institute's S.L.A. Marshall Chair



David Segal

David R. Segal, professor of sociology, has been invited to occupy the S.L.A. Marshall Chair at the Army Research Institute for 1992.

Occupants of the chair are senior research scientists in the fields of Behavioral and Social Science who have demonstrated the ability to make substantial contributions to their field in ways that are especially applicable to the military.

Segal, who has been a professor of sociology and an affiliate professor of government and politics at College Park since 1975, directs the graduate program in military sociology. He is a faculty associate of the Center for International Security Studies at Maryland (CISSM).

A native of New York City, Segal received his B.A. from the State University of New York at Binghamton and his M.A. and

Ph.D. from the University of Chicago. He has served as the James K. Pollock Visiting Research Fellow at the University of Bonn, a visiting professor at the United States Military Academy at West Point, a special guest scholar at the Brookings Institution, and a guest scientist in the Department of Military Psychiatry at the Walter Reed Army Institute of Research.

From 1973 to 1975, he was chief of the Social Processes Technical Area of the U.S. Army Research Institute for Behavioral and Social Sciences.

In 1984 the Section on National Security and Defense Administration of the American Society for Public Administration gave him its first annual Mid-Career Award, and in 1989 he was awarded the Department of the Army Medal for Outstanding Civilian Service.

Segal is the author of five books, including the most recent, *Recruiting for Uncle Sam*, described in *Military Review* as "the definitive overview of military manpower history." He is also the author of almost 100 scholarly articles on the military, social stratification, political sociology, and the sociology of science. During his tenure as S.L.A. Marshall Chair, he will be conducting research on peacekeeping operations, Army force structures, and officer professional education.

Currently Segal is vice president of the Research Committee on Armed Forces and Conflict Resolution of the International Sociological Association, chair of the American Sociological Association's Section on Peace and War and on the board of directors of the Inter-University Seminar on Armed Forces and Society.

The Maryland English Institute has established a graduate writing center for international students who need help in writing English. The center will be open from 3 p.m. to 5 p.m. Mondays through Thursdays, Oct. 21 through Dec. 7. Mondays, Tuesdays and Wednesdays students will meet in Jimenez 2207 and on Thursdays, Jimenez 1226. The center's services are offered free of charge. To make an appointment or for more information, call 314-8634.

Hearst Gift and Knight Fellow Program Bring Professionals to J-School

The College of Journalism has received its largest-ever contribution devoted to faculty and student academic needs with a \$200,000 gift from the William Randolph Hearst Foundation. The contribution will establish the William Randolph Hearst Visiting Professionals Fund, with annual income from the fund used to attract outstanding area journalists and communications professionals as part-time adjunct faculty members.

"Our location offers us a rare opportunity to bring the best professionals in the area to the class-

room on a part-time basis," says Journalism Dean Reese Cleghorn. "With this important funding from the Hearst Foundation, we can increase the usual stipend we offer as an added incentive to exceptional professionals who otherwise might not teach here."

Another program bringing professional journalists to the College Park campus is the Knight Center Fellows series. Currently 21 medical and science writers are here as fellows, studying brain/mind research at the Knight Center for Specialized Journalism.

In the two-week course (Oct. 13-25) the journalists take classes on brain anatomy and chemistry, as well as attend sessions on disease, medical treatment and legal and ethical issues. Classes are being held at College Park, NIH, Johns Hopkins and St. Elizabeth's Hospital in Washington.

Since 1988, 322 journalists have received fellowships for 13 different courses at the Knight Center, which is funded by continuing grants from the Knight Foundation and is based in the College of Journalism.

Good News from Undergraduate Studies

Kathryn Mohrman, dean for undergraduate studies, has been presented with the first annual Joseph Katz Award for Distinguished Contributions to General and Liberal Education by the Association for General and Liberal Studies. The award was made at the October 19 AGLS conference in Seattle.

Mohrman has announced several new appointments within the Office of Undergraduate Studies.

Maynard (Sandy) Mack has been appointed associate dean on a half-time basis. He will be coordinating the activities of the Honors Program, IVSP, General Studies and

the Center for Teaching Excellence. He also will direct CORE.

Sharon Harley has been appointed associate dean, on a half-time basis. She will coordinate the Division of Letters and Sciences, Talent Search, Upward Bound, Experiential Learning, Health Professions, and the Career Center.

Lisa Bradley has been appointed permanent director of Health Professions Advising. She had served as acting director during the past year.

A. Lawrence Lauer has been appointed assistant to the Dean for Finance and Administration and will oversee budgets and administrative matters.

The Office of Undergraduate Studies has published a new brochure on the Individual Studies Program (IVSP). The brochure contains details about changes in the program's requirements that will go into effect next spring and answers frequently asked questions about IVSP. The changes are designed to reinforce the academic rigor of the program and to make it more compatible with the enhanced undergraduate education at College Park.

Copies of the brochure are available from Bonnie Oh, assistant dean for undergraduate studies.

Facilities Master Plan Focuses on 1990-2004

A summary report of the UMCP Facilities Master Plan—a blueprint for the orderly development and growth of the College Park campus through the year 2004—has been issued.

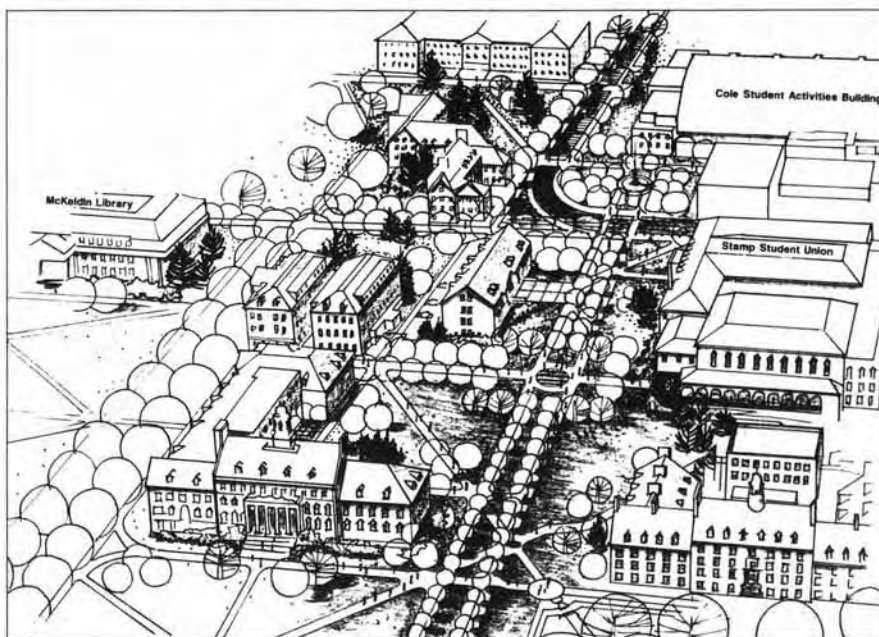
It describes how recommendations made to enhance the quality of campus life by improving existing facilities, land use, traffic, parking and utilities can be carried out.

Brenda Testa, director of resource planning in the Office of Resource Planning and Budgets, will discuss the facilities master plan at the October 30 Counseling Center Research and Development meeting. The meeting will be held from noon to 1 p.m. in the Testing Room, Shoemaker.

The summary report outlines a development plan that is responsive to current needs and to the mandate of the 1988 reorganization act. Planning projection years have been established as Fall 1994, Fall 1999, and Fall 2004. The time needed to realize fully the master plan will be determined as a result of annual reviews of the capital budget process.

Planners report a total space deficit of more than one million square feet. All major space categories—classrooms, class and non-class laboratories, offices and study areas show significant deficits. "This deficit situation has resulted from chronically insufficient capital funding," the report states. "Available space data

Proposed Campus Drive Closure Part of Long Range Report



The master plan calls for eventually creating a pedestrian-oriented campus environment by keeping all major student destinations within a 10-minute walking radius from the center of campus and by restricting vehicular access to the core as shown in this illustration.

from peer institutions also underscore valid concerns with over-utilized facilities and the lack of sufficient space on campus."

The advanced age and deteriorating conditions of facilities are also major concerns. "Insufficient funding for maintenance and facilities renewal has resulted in enormous deferred maintenance needs and an aging, increasingly obsolete physi-

cal plant," the summary report states.

The facilities master plan physical recommendations are based on a series of guiding principles that, among other things, emphasize the importance of open spaces, the need to strengthen the pedestrian character of the campus and to concentrate facilities that serve similar functions.



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CALENDAR

Attention:

An APAC-sponsored Open Hearing on the possible elimination of the Department of Housing and Design will be held Monday, Oct. 21 at 2 p.m. in Room 1120, Surge Building (near the South Campus Dining Hall). See listing below.



The Concert Society at Maryland presents *Speculum Musicae*, a New York-based contemporary music ensemble, performing an all 20th-century program at the Center for Adult Education on Sunday, Oct. 27 at 7:30 p.m. Ticket prices are \$17 standard admission, \$14.50 seniors, \$15.30 faculty and \$5 students. There will be a free pre-concert seminar at 6 p.m. For information and reservations call the Concert Society box office at 403-4240.

OCTOBER 21-30

21 MONDAY

Parents' Association Art Gallery Exhibit: "Honoring the Chesapeake: Art, Science, and Ecology," featuring the lithograph drawings of Neil Harpe, today-Oct. 25, Parents' Association Gallery, Stamp Student Union. Call 4-2787 for info.

Art Gallery Exhibition: "Dreams, Lies, and Exaggerations: Photomontage in America," featuring 122 works of art, including magazine lay-outs, book jackets, brochures as well as fine art photography, Oct. 21-Dec. 20; opening reception, Oct. 23, 5:30-7:30 p.m., Art Gallery, Art/Soc Bldg. Call 5-2763 for info.

Center for International Extension Development Seminar: "Extension's Role in Marketing: A Global Perspective," David L. Holder, U.S. Department of Agriculture, noon-1 p.m. (bring lunch), 0115 Symons. Call 5-1253 for info.

Academic Planning Advisory Committee (APAC) Open Hearing for the Housing and Design Program, concerning possible elimination of the Housing and Design Department, 2-4 p.m., 1120 South Campus Surge Bldg. Call 5-6820 for info.

Horticulture Seminar: "The Use of New Cover Crop Management Systems for Weed Suppression and Control in Vegetable Crop Production," John Teasdale, USDA-ARS, Beltsville, 4 p.m., 0128B Holzapfel. Call 5-4336 for info.

Entomology Colloquium: "Identification of Bursicon in the House Fly, *Musca domestica*, with Monoclonal Antibody," Qisheng Song, Entomology, 4 p.m., 0200 Symons Hall. Call 5-3911 for info.

Maryland Water Resources Research Center Seminar: "Regional Water Quality Patterns in the Delmarva Peninsula," Robert Shedlock, U.S. Geological Survey, 4-5:30 p.m.; refreshments, 3:30 p.m., 3130 Chemistry. Call 5-6829 for info.

Campus Recreation Services: Timex Fitness Week begins, 4 p.m., 1104 Reckord Armory. Call 4-7217 for info.

22 TUESDAY

Campus Recreation Services: Intramural entries open, coed basketball and 3-on-3 basketball, 8:30 a.m., 1104 Reckord Armory. Call 4-7217 for info.

Ecology, Evolution and Behavior Colloquium: "Interactions Among Three Tropic Levels: Sex Ratios and Plant Quality in Parasitoid-Host Interactions," Laurel Fox, program officer for ecology,

NSF, noon, 1208 Zoo/Psych. Call 5-6946 for info.

Center for International Development and Conflict Management "Brown-Bag" Seminar: "Human Rights Education in the Philippines," Richard Claude, Government and Politics, 12:30 p.m. (bring lunch), second floor, Mill Bldg. Call 4-7703 for info.

Career Development Center Graduate and Professional Fair: 200 admissions representatives nationwide, featuring law schools today and graduate schools tomorrow (Oct. 23), 2-7 p.m., Marvin Center, George Washington U. Call 4-7225 for info.

Physics Colloquium: "The Physics of Dance," Ken Laws, Dickinson College, 4 p.m.; tea, 3:30 p.m., 1410 Physics. Call 5-5953 for info.

Michael D. Dingman Center for Entrepreneurship Seminar: "From Entrepreneurial Dreams to Business Reality: Business Strategies for New Ventures," 6-9 p.m., Holiday Inn, Calverton (\$35 includes dinner). Call 5-2151 for info.

Women's Field Hockey vs. West Chester, 7 p.m., Astroturf Field. Call 4-7070 for info.

Symphonic and Wind Ensemble Concert Band Concert, John Wakefield and Richmond Sparks, conductors, 8 p.m., Adult Education Center. Call 5-5548 for info.

Saxophone Studio Concert, 8 p.m., Tawes Recital Hall. Call 5-5548 for info.

23 WEDNESDAY

Employee Development Seminar: "Developing and Managing the High Performance Team," today and tomorrow, 9 a.m.-4 p.m., Training Room, Administrative Services Bldg. Call 5-5651 for info.

Biology Guest Lecture: "Human Population Growth and Our Environment," Werner Fornos, president, Population Institute, 11 a.m.-noon, 0226 Patterson. Call 5-1642 for info.

NAMES Project Presentation of the AIDS Memorial Quilt, special unfolding ceremony at 11:30 a.m.; quilt to be shown until 5 p.m., Prince George's Room, Stamp Student Union. Call 4-3375 for info.

Zoology Colloquium: "Brofeldin A, a Golgi-Redistributing Drug, Forms Cation Channels in Membranes," Martin Zizi, Nephrology, Walter Reed Army Institute of Research, noon, 1208 Zoo/Psych. Call 5-6925 for info.

Counseling Center Research and Development Meeting: "HIV/AIDS Education: Program

Evaluation," Suzanne Randolph, American National Red Cross, noon-1 p.m., 0106-0114 Shoemaker. Call 4-7691 for info.

Molecular and Cell Biology Seminar: "Genetic Analyses of the Roles of Exopolysaccharides in Nodulation by *Rhizobium meliloti*," Graham Walker, MIT, 12:05 p.m., 1208 Zoo/Psych. Call 5-6991 for info.

Men's Soccer vs. Lasalle, 3 p.m., Denton Field. Call 4-7070 for info.

Center for International Business Education and Research (CIBER) Seminar: "Current Situation in the USSR: Implications for U.S. Business and Management Education," Leonid A. Bazilevich, Leningrad Institute of Finance and Economics, 3-5 p.m., 0109 Adult Education Center. Call 5-2136 for info.

Anthropology Seminar: "Indigenous Peoples, Universal Values: A New Policy at The World Bank," Scott Guggenheim, Environment Division, The World Bank, 3:30-5 p.m., 0103 F.S. Key. Call 5-1436 for info.

Meteorology Special Seminar: "Volcanoes and Climate: Facts and Models," Hans-F. Graf, Max Planck Institut für Meteorologie, Hamburg, Germany, 3:30 p.m.; coffee, 3:15 p.m., 2114 Space Sciences. Call 5-5392 for info.

Art Gallery Opening Reception: "Dreams, Lies and Exaggerations: Photomontage in America," 3:30-5:30 p.m., Art Gallery. See Oct. 21 for details.

Campus Recreation Services: "World's Largest Aerobics Class," 5 p.m., Reckord Armory Gym. Call 4-7217 for info.

Architecture Lecture, Teofilo Victoria, architect and professor, U. of Miami, on recent work, 7:30 p.m., Architecture Auditorium. Call 5-6284 for info.

24 THURSDAY

"Peace with Justice Week" Project Campus-Wide Forum: "Militarism, War and Racism," Cain Hope Felder, Mudar Abed, Angela Sanbrano, and Rev. Whit Hutchinson; Kiyul Chung, moderator, noon-2 p.m., Stamp Student Union Atrium. Call 5-8450 for info.

Center for Teaching Excellence CORE Faculty Workshop: New Faculty Workshop, especially designed for faculty in their first or second years on campus, 3-5 p.m., Maryland Room, Marie Mount. Call 5-3154 for info.

Women's Soccer vs. Temple, 3 p.m., Denton Field. Call 4-7070 for info.

Meteorology Seminar: "Water Isotope Tracers in the GISS GCM: Paleoclimate Studies,"

Wind Ensemble Joins Concert Band for Oct. 22 Concert

On Tuesday evening October 22 at 8 p.m., the University of Maryland Symphonic Wind Ensemble and the university's Concert Band, under the direction of John Wakefield and Richmond Sparks, will join forces to present a concert in the University of Maryland's Center of Adult Education auditorium. The lively and diverse program includes music by Gioacchino Rossini, Percy Grainger and Warren Benson. The concert is free and open to the public; for further information, call 405-5548.

Randy Koster, NASA/GSFC, 3:30 p.m., 2114 Computer and Space Sciences; refreshments, 3 p.m. Call 5-5392 for info.

Committee on the History and Philosophy of Science Colloquium: "Some Philosophical Reflections on Quantum Mechanics and Quantum Field Theory," Sylvan S. Schweber, Brandeis U., 4 p.m., 0201 Computer and Space Sciences. Call 5-5691 for info.

Campus Recreation Services: Join/form a team, coed basketball, 4 p.m., 1104 Armory. Call 4-7217 for info.

Women's Field Hockey vs. Georgetown, 7 p.m., Astroturf Field. Call 4-7070 for info.

"Physics is Fun" Lecture/Demonstration: "Illusions," Richard Berg, today-Oct. 26, 7:30-8:45 p.m., lecture hall, Physics Bldg. Call 5-5994 for info.

25 FRIDAY

Manufacturing Seminar: "Manufacturing in a Global Economy," Richard Jackson, NIST, 10:30 a.m., 2140 Tydings. Call 5-2241 for info.

Speech Communication Colloquium: "Women in the Workplace: Unraveling the Paradox," Beth Haslett, U. of Delaware, noon, 0147 Tawes Fine Arts. Call 5-6524 for info.

New Directions in Special Education Research Seminar: "Litigation & Advocacy for Incarcerated Youth," Peter Leone, Special Education, noon-1 p.m., 1121 Benjamin.

Mental Health Service Lunch 'n Learn Seminar: "Treating the Chemically Dependent College Student," Roger Segalla, Health Student, 1-2 p.m., 3100E Health Center. Call 4-8106 for info.

First National Bank of Maryland Research Colloquium in Finance: "TBA," Wayne Ferson, U. of Chicago, 1-2:30 p.m., 2102 Tydings. Call 5-2256 for info.

Book Launching Party: Reading Minds: The Study of English in the Age of Cognitive Science (Princeton), Mark Turner, English, 5:30-7:30 p.m., Bick's Books, 2309 18th Street NW, Washington D.C. Call (202) 328-2356 for info.

26 SATURDAY

UM Football vs. Duke (Homecoming), 1:30 p.m., Byrd Stadium. Call 4-7070 for info.

Zoology Film Lecture: "Sea Monsters and Deep Sea Sharks," Eugenie Clark, Zoology, 1:30 p.m., Hoff Theater, Stamp Student Union. Call 4-8428 for info.

27 SUNDAY

Concert Society at Maryland, Speculum Musicae, 7:30 p.m.; pre-concert seminar, 6:00 p.m., Adult Education Center, \$17 standard admission, \$14.50 seniors and \$5 students. Call 80-4240 for info and reservations.

28 MONDAY

Maryland Water Resources Research Center Seminar: "Maryland's Solid Approach to Solid Waste Management," Ronald Nelson, Maryland Department of the Environment, 4-5:30 p.m.; refreshments, 3:30 p.m., 3130 Chemistry. Call 5-6829 for info.

Horticulture Seminar: "Dogwood Anthracnose: Organism Morphology and Plant Symptom Characterization in Maryland," Scott Redlin, USDA-ARS, Beltsville, 4 p.m., 0128B Holzapfel. Call 5-4336 for info.

Entomology Colloquium: "TBA," Bryan Danforth, Smithsonian

Institution, 4 p.m., 0200 Symons Hall. Call 5-3911 for info.

Campus Recreation Services: Intramural entries close, 4 p.m., 1104 Armory. Call 4-7217 for info.

Computer Science at College Park Colloquium: "The Vulcan Project," Marc Snir, IBM T.J. Watson Research Center, 4 p.m., 0111 Classroom Bldg. Call 5-2737 for info.

29 TUESDAY

Employee Development Seminar: "Employee Relations and the Supervisor," 9 a.m.-4 p.m., Training Room, Administrative Services Bldg. Call 5-5651 for info.

Instructional Television and Systems Research Center Annual Symposium, live satellite broadcast, 11 a.m.-5 p.m. (EST), 1100 ITV Bldg; poster and demo session, 5:30-7:30 p.m., Adult Education Center. Call 5-4905 for info.

Ecology, Evolution and Behavior Colloquium: "Digital Darwinism," Tom Ray, U. of Delaware, noon, 1208 Zoo/Psych. Call 5-6948 for info.

Women's Soccer vs. North Carolina, 3 p.m., Denton Field. Call 4-7070 for info.

Physics Colloquium: "Multi-dimensional Potential Surfaces: How We and Clusters Explore Their World," Stephen Berry, U. of Chicago, 4 p.m.; tea, 3:30 p.m., 1410 Physics. Call 5-5953 for info.

Center for International Business Education and Research (CIBER) Seminar: "Shaping Public Policy in Telecommunications," Robert T. Blau, BELLSOUTH Corp., 5-6:15 p.m., 0130 Tydings. Call 5-2136 for info.

Dance Performance, Improvisations Unlimited, today-Nov. 2, 8 p.m., Dorothy Madden Studio/Theater; \$8 standard admission, \$6 students and seniors. Call 5-3190 for info.

30 WEDNESDAY

Employee Development Seminar: "Accident Investigation in the Workplace: What Every Supervisor Should Know," 9:30 a.m.-12:30 p.m., Training Room, Administrative Services Bldg. Call 5-5651 for info.

Counseling Center Research and Development Meeting: "Facilities Master Plan 1990-2004: Plans for UMCP's Physical Development," Brenda Testa, Office for Resource Planning and Budgets, noon-1 p.m., 0106-0114 Shoemaker. Call 4-7691 for info.

Zoology Colloquium: "The Use of Molecular Probes to Localize the *Nude Mutation* on Mouse Chromosome 11," Linda Byrd, Zoology, noon, 1208 Zoo/Psych. Call 5-6887 for info.

Molecular and Cell Biology Seminar: "Convergence of ETS- and Notch-Related Structural Motifs in a Heteromeric DNA-Binding Complex," Catherine Thompson, Carnegie Institution of Washington, 12:05 p.m., 1208 Zoo/Psych. Call 5-6991 for info.

Men's Soccer vs. James Madison, 3 p.m., Denton Field. Call 4-7070 for info.

Art Gallery Tour/Lecture, of exhibition, "Dreams Lies and Exaggerations: Photomontage in America," Cynthia Wayne, curator, 7 p.m., Art Gallery Art/Soc Bldg. Call 5-2763 for info.

Dance Performance, Improvisations Unlimited, 8 p.m., Dorothy Madden Studio/Theater. \$8 standard admission, \$6 students and seniors. Call 5-3190 for info.

* Admission charged for this event. All others are free.